PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

NOTIFICATION OF TRANSMITTAL OF COPIES OF TRANSLATION OF THE INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (CHAPTER I OR CHAPTER II OF THE PATENT COOPERATION TREATY)

(PCT Rules 44bis.3(c) and 72.2)

TICONA GMBH Intellectual Property EU

R300 Professor Staudinger Strasse 65451 Kelsterbach

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AUG 2 8 2006

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Date of mailing (day/month/year) 20 July 2006 (20.07.2006)	
Applicant's or agent's file reference	IMPORTANT NOTIFICATION
2003/G009	International filing date (day/month/year)
International application No.	03 September 2004 (03.03.2001)
PCT/EP2004/009812	15/19/19/19
Applicant	TICONA GMBH et al

1. Transmittal of the translation to the applicant.

The International Burcau transmits herewith a copy of the English translation of the international oraliminary reportion

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

à

Authorized officer

Ellen Moyse

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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

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The eference	FOR FURTHER ACTION	See item 4 below		
plicant's or agent's file reference		() () () () () () () () () ()		
03/G009	International filing date (day/month/yea	Priority date (day/month/year) 05 September 2003 (05.09.2003)		
emational application No.	03 September 2004 (03.09.2004)	05 September 2000 (Soliton		
	03 September 2014 (Man indicated)			
(Sth	edition unless older edition indicated) CT/ISA/237			
emational Patent Classification (65)	CT/ISA/23/			
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		ssued by the International Bureau on behalf of the		
	y report on patentability (Chapter I) is is	isued by the intermitation		
1. This international pleasuring Auth	nority under Rule 44 bis. 1(a).			
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2. This REPORT consists of a	total of 5 sheets, including this cover sh	ternational Searching Authority should be read as a reference astead.		
	of the Int	temanonal Bearching Herreson		
In the attached sheets, any re	eference to the written opinion of the con- ary report on patentability (Chapter I) in	nstcad		
to the international prelimin	ary report on patentabases, (
	ions relating to the following items:			
3. This report contains motes.				
Box No. I	Basis of the report	Basis of the report		
K-N				
Box No. II	Priority	and industrial		
	Non-establishment of opinion v	with regard to novelty, inventive step and industrial		
Box No. III	applicability			
	• •			
Box No. IV	Lack of unity of invention			
		cls 35(2) with regard to novelty, inventive step or industrial		
Box No. V	Reasoned statement under Aru	lanations supporting such statement		
	applicability; citations and exp			
	Certain documents cited			
Box No. VI				
Box No. VII	Certain defects in the internati	onal application		
Box No. All				
Box No. VIII	Certain observations on the in	DETRIBUTED SPPREASON		
1		ated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but Article 23(2), before the expiration of 30 months from the priority		
	will communicate this report to designate	ated Offices in accordance with Rules 44bs.3(c) and 93ba.1 con- Article 23(2), before the expiration of 30 months from the priority		
4. The International Bureau	olicant makes an express request under A	AUCE CO(2), Detote the over-		
date (Rule 44bis .2).				
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	IT	0 July 2006 (10.07.2006)		
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PATENT COOPERATION TREATY

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From the INTERNATIONAL SEARCHING AUTHORITY To:	PCT
	WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY
·	(PCT Rule 43bis.1)
	Date of mailing See Form PCT/ISA/210 (day/month/year)
	FOR FURTHER ACTION
Applicant's or agent's file reference	Sce paragraph 2 below
	ota (day/month/year) Priority dato (day/month/year)
International application No. PCT/EP2004/009812 International filing day 03.09.200	DE 00 2003
Applicant TICONA GMBH 1. This opinion contains indications relating to the following i Box No. I Basis of the opinion Box No. II Princity	items:
Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule applicability; citations and expla	43bis.l(s)(i) with regard to novelty, inventive step or industrial anations supporting such statement
Box No. VIII Certain defects in the internation Box No. VIII Certain observations on the international contractions of the international contraction of the internation of the international contraction of the internation of the international contraction of the internation of th	
Infordational Freminitary than this one to be the IPEA and the chosen IPEA has a this International Searching Authority will not be so con If this opinion is, as provided above, considered to be written reply together, where appropriate, with amend PCT/ISA/220 as before the expiration of 22 months from For further options, see Form PCT/ISA/220.	the expiration of 3 months from the date of maning
3. Per further occurs, see mice to 2 —— 5	
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Name and mailing address of the ISA/fiP	• • • • • • • • • • • • • • • • • • • •
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Form PCT/ISA/237 (cover sheet) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/EP2004/009812

	INTERNATIONALISM
Box No. 1	I Basis of this opinion
1. Wit	I Basis of this opinion the regard to the language, this opinion has been established on the basis of the international opplication in the language in which it was bed, unless otherwise indicated under this item.
1179	
<u> </u>	This opinion has been established on the basis of a translation from the original imagings and the purposes of international search (under , which is the language of a translation furnished for the purposes of international search (under
	Rule 12.3 and 23.1(b)).
2. Wini	Rule 12.3 and 23.1(b)). (the regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the obtained investion, this opinion has been established on the basis of:
a	s. type of material
	a sequence listing
•	tuble(s) related to the sequence listing
t	b. format of material
	in written format
	in computer resdable form
	c. time of filing/farmishing
1	contained in the international application as filed.
1	filed together with the international application in computer readable form.
1	Annished subsequently to this Authority for the purposes of search.
1	A designate has been filed OF
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating therete has been filled or formished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filled or does not go beyond the application as filled, as appropriate, were furnished.
4.	Additional comments:
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WRITTEN OPINION OF THE NATIONAL SEARCHING AUTHORITY

International application No. PCT/EP2004/009812

	INTERNATIONAL SEARCHING ACTA	
Box N	o. II Priority	
2.	The following document has not yet boon furnished: copy of the earlier application whose priority has been claimed (Rule 43bis.1 and 66.7(a)). translation of the certier application whose priority has been elatimed (Rule 43bis.1 and 66.7(b)). Consequently a has not been possible to consider the validity of the priority claim. This opinion has nevertheless been established on the assumption that the relevant date in the claimed priority date. This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules 43bis.1 and 66.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date. Additional observations, if necessary:	DEDI MANIENTE CO.

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.	
PCT/EP2004/00981	2

Box No. V Remoned statement under Rule 43bia.1(a)(i) with regard to not			HING AUTHORITY	les inventive step or industrial applicability;	
Box No. V	Remoned statement distions and explans	under Ru itions sup	le 43ble.1(a)(i) with regard to noverty, in opering such statement	TAME TO THE TAME T	
1. Staroment				_	YES
Novalty (o	Claims	1-21		мо
		Claims			
	## C		1-21		YES
Inventive	ttcb (12)				ИО
		Claims			YBS
Industrial	spplicability (LA)	Claims	1-21		NO.
}		Claims			
l .					

- Citations and explanations:
 - 1. Reference is made to the following document:

D1: DE-A-3123065

Document D1 discloses the preparation of polyoxymethylene polymers which are blocked by means of an adduct of an alkylene oxide with a carboxylic acid (see claims).

- 2. The features important to the invention are mentioned in none of the documents cited in the search report. The subject matter of claims 1 and 14 is thus novel (PCT Article 33(2)).
- 3. Document D1 is considered to be the closest prior art.

The subject matter of the present invention therefore differs from the known of in the use of derivatives of carbonic acid or in the use of derivatives of carbonic acid.

The solution proposed for this problem in claims 1 and 14 of the present application is based on an inventive step (PCT Article 33(3)) because D1 does not make it apparent to a person skilled in the respective technical field how a polyoxymethylene polymer having a high molecular weight and a low melt index can be obtained.

Claims 2-13 and 15-21 are dependent on claims 1 and 14 and thus likewise meet the PCT requirements for novelty and inventive step.

4. The claims of the present invention are industrially applicable.

Form PCI/ISA/237 (Box No. V) (January 2004)